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PATENT

Docket No. 110.00900101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): RANUM et al. )  
Serial No.: 09/181,585 )  
Confirmation No.: 1075 )  
Filed: October 28, 1998 )  
For: SPINOCEREBELLAR ATAXIA TYPE 8 AND METHODS OF DETECTION

Group Art Unit: 1634  
Examiner: J. Souaya

AMENDMENT UNDER 37 CFR §1.312

Assistant Commissioner for Patents  
Box Issue Fee  
Washington D.C. 20231

**Match & Return**

Dear Sir:

The Examiner is respectfully requested to amend the Reasons for Allowance by deleting line 13 of paragraph 1 at page 2 of the Notice of Allowability, which states:

"about 80 CTG repeats in the repeat region of at least 92 combined CTA and CTG repeats in the"

and inserting the following:

-- about 80 CTG repeats in the repeat region of at least about 92 combined CTA and CTG repeats in the --.

The Examiner is also requested to note that the claims that are drawn to determining whether an individual has spinocerebellar ataxia type 8 by detecting the number of repeats in the repeat region of a spinocerebellar ataxia type 8 coding sequence, wherein individuals who have at least about 80 CTG repeats in the repeat region or at least about 92 combined CTA and CTG repeats in the repeat region and display at least one symptom of ataxia have spinocerebellar ataxia type 8, are allowable over the prior art.

Further, claims drawn to detecting the presence of at least one DNA molecule containing a repeat region of an SCA8 coding sequence by probing digested genomic DNA with

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a probe chosen from nucleotides 1-448 of SEQ ID NO:1 of nucleotides 726-1,159 of SEQ ID NO:1, and analyzing the detected DNA molecule for a repeat region characteristic of a normal or at-risk form of the SCA8 coding sequence, are allowable over the prior art.

The Examiner is invited to contact Applicant's Representatives at the below-listed telephone number if there are any questions regarding this Amendment.

Respectfully submitted for

RANUM et al.

By

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PATENT TRADEMARK OFFICE

Date

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**CERTIFICATE UNDER 37 CFR §1.10:**

"Express Mail" mailing label number: EL 888274423 US

Date of Deposit: May 13, 2002

The undersigned hereby certifies that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Issue Fee, Washington, D.C. 20231.

By: Sue Dombroske

Name: Sue Dombroske